

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 September 2005 (01.09.2005)

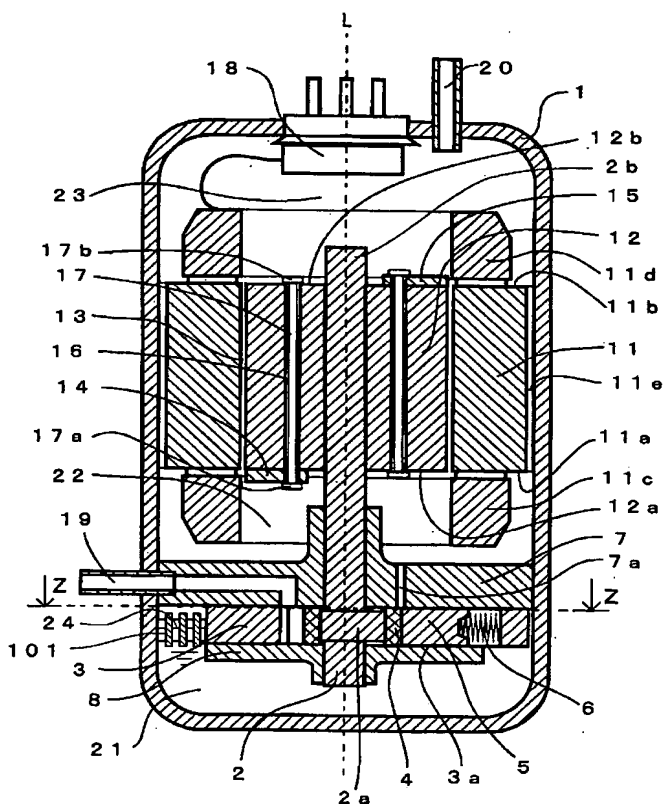
PCT

(10) International Publication Number
WO 2005/080797 A1

- (51) International Patent Classification⁷: **F04C 29/02**, 23/00
- (72) Inventors; and
(75) Inventors/Applicants (for US only): **OKAICHI, Atsuo**,
HASEGAWA, Hiroshi, **NISHIWAKI, Fumitoshi**.
- (21) International Application Number: PCT/JP2005/002945
- (74) Agents: **SHIMIZU, Yoshihiro** et al.; 3rd Floor, Yashiro Building 14-4, Takadanobaba 2-chome, Shinjuku-ku, Tokyo 169-0075 (JP).
- (22) International Filing Date: 17 February 2005 (17.02.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
2004-047373 24 February 2004 (24.02.2004) JP
2004-071964 15 March 2004 (15.03.2004) JP
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (71) Applicant (for all designated States except US): **MAT-SUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

[Continued on next page]

(54) Title: HERMETIC TYPE COMPRESSOR WITH WAVE-SUPPRESSING MEMBER IN THE OIL RESERVOIR



(57) Abstract: A compressor comprising a container which encloses a compressor mechanism, a motor and an oil reservoir at its bottom. A wave-suppressing member is provided at the interface between the working fluid and the oil. A plurality of vertically standing plates are assembled in a lattice form to a divided member 101 as a floating type wave-suppressing members. The divided member 101 is allowed to float in an interface 24 between working fluid and refrigeration oil of an oil reservoir 21.



ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*